

# House Study Bill 169 - Introduced

HOUSE FILE \_\_\_\_\_  
BY (PROPOSED COMMITTEE  
ON COMMERCE BILL BY  
CHAIRPERSON COWNIE)

## A BILL FOR

- 1 An Act relating to boiler inspections.
- 2 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

1 Section 1. Section 89.3, subsection 5, paragraph a,  
2 subparagraph (4), Code 2013, is amended to read as follows:

3 (4) ~~Either~~ Any of the following:

4 (a) The owner or user is a participant in good standing in  
5 the Iowa occupational safety and health voluntary protection  
6 program and has achieved star status within the program, which  
7 is administered by the division of labor in the department of  
8 workforce development.

9 (b) The object is an unfired steam pressure vessel and is  
10 part of or integral to the continuous operation of a process  
11 covered by and compliant with the occupational safety and  
12 health administration process safety management standard  
13 contained in 29 C.F.R. § 1910.119 and the owner demonstrates  
14 such compliance to a special inspector or the commissioner.  
15 The unfired steam pressure vessel must also be included as  
16 process safety management process equipment in the owner of  
17 the unfired steam pressure vessel's process safety management  
18 program.

19 (c) The owner or user is a public utility subject to rate  
20 regulation under chapter 476.

21 Sec. 2. Section 89.3, subsection 8, Code 2013, is amended  
22 to read as follows:

23 ~~8. Internal inspections~~ Inspections of unfired steam  
24 pressure vessels operating in excess of fifteen pounds per  
25 square inch and low pressure steam boilers shall be conducted  
26 ~~once every two years. External inspections shall be conducted~~  
27 annually at least once each calendar year. The inspections  
28 conducted over each two-year period shall include an external  
29 inspection conducted while the boiler is operating and an  
30 internal inspection, where construction permits. No more than  
31 one inspection shall be conducted over a six-month period.  
32 An internal inspection of an unfired steam pressure vessel  
33 or low pressure steam boiler may be required at any time by  
34 the commissioner upon the observation by an inspector of  
35 conditions, enumerated by the commissioner through rules,

1 warranting an internal inspection.

2     Sec. 3. Section 89.4, subsection 1, Code 2013, is amended by  
3 adding the following new paragraphs:

4     NEW PARAGRAPH. *j.* An electric boiler with a water capacity  
5 of six gallons or less that is used as an integral part of an  
6 espresso coffee machine, cappuccino coffee machine, or cleaning  
7 machine.

8     NEW PARAGRAPH. *k.* Continuous coil-type boilers used only  
9 for steam vapor cleaning, to which all of the following apply:

10     (1) The size of the tubing or pipe, with no drums or  
11 headers attached, does not exceed three-fourths of one inch in  
12 diameter.

13     (2) Nominal water capacity of the boiler does not exceed six  
14 gallons.

15     (3) Water temperature in the boiler does not exceed three  
16 hundred fifty degrees Fahrenheit.

17     (4) Steam is not generated within the coil.

18                                   EXPLANATION

19     This bill provides an additional criterion to determine the  
20 boilers or pressure vessels that are required to be inspected  
21 by the labor commissioner or a designee at least once each  
22 year externally while under pressure and at least once every  
23 four years internally while not under pressure, unless the  
24 commissioner determines an earlier inspection is warranted.  
25 The bill provides that this inspection requirement also applies  
26 if the owner or user of the boiler or pressure vessel is a  
27 public utility subject to rate regulation under Code chapter  
28 476.

29     The bill provides for required inspections of unfired steam  
30 pressure vessels operating in excess of 15 pounds per square  
31 inch to occur at least once a year. The bill provides that  
32 such inspections shall include one internal inspection and one  
33 external inspection in each two-year period. The bill provides  
34 that such inspections shall occur no more than once every six  
35 months. The bill also applies this requirement to low pressure

1 steam boilers.

2     The bill provides for two additional exemptions from  
3 Code chapter 89 governing boilers and unfired steam pressure  
4 vessels. The bill exempts an electric boiler with a water  
5 capacity of six gallons or less that is used as an integral  
6 part of an espresso coffee machine, cappuccino coffee machine,  
7 or cleaning machine. The bill also exempts continuous  
8 coil-type boilers used only for steam vapor cleaning that meet  
9 certain criteria.